

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently amended) A system for implementing telephone services on one or more telephone installations, the installations comprising several telephone terminals managed by one or more private automatic branch exchanges, the system comprising:

computer equipment comprising a computer telephony integration (CTI) server accessible by a computer network; and

one or more interfaces capable of sending control signals corresponding to a telephone service or services requested to drive one or more automatic branch exchanges, the one or more interfaces connected to telephone lines of the automatic branch exchanges and by a TCP/IP computer link to the server, and the one or more interfaces adapted for operable connection to the CTI server when the CTI server is located in a remote location,

the server driving the one or more interfaces.

2. (Previously Presented) System for the implementation of telephone services according to claim 1, wherein the telephone service requested is a programming of a call transfer from a station of the installation.

3. (Previously Presented) System for the implementation of telephone services according to claim 2, wherein the call transfer is an automatic transfer of calls addressed to a telephone terminal of an installation to another terminal of the installation or to a terminal external to the installation.

4. (Previously Presented) System for the implementation of telephone services according to claim 1, wherein the telephone service requested is an automatic calling back of a terminal of a calling party in order to connect the calling terminal with a called terminal.

5. (Previously Presented) System for the implementation of telephone services according to claim 4, wherein the calling terminal is a terminal of a telephone installation or an external terminal, and wherein the called terminal is a telephone terminal internal or external to the installation.

6. (Previously Presented) System for the implementation of telephone services, according to claim 1, wherein the telephone service is management of incoming calls for subscribers to the automatic branch exchanges or for a particular service.

7. (Currently Amended) System for the implementation of telephone services according to claim 1, wherein the one or more interfaces comprise[[s]] one or more analog or digital modems used ~~and a coupler~~ to connect the one or more modems to the computer link, the one or more modems being connected to a coupler.

8. (Previously Presented) System for the implementation of telephone services according to claim 1, wherein the driving of the automatic branch exchange by the server is secured by an authentication procedure or by enciphering of messages sent between the server and the interface.
9. (Previously Presented) System for the implementation of telephone services according to claim 1, wherein the telephone lines connecting an interface to one or more automatic branch exchanges are analog or digital lines.
10. (Previously Presented) System for the implementation of telephone services according to claim 1, wherein the interface comprises packs.
11. (Previously Presented) System for the implementation of telephone services according to claim 1, wherein the control signals are DTMF or ISDN or voice signals.
12. (Cancelled)
13. (Currently Amended) System for the implementation of telephone services according to claim 1[[2]], wherein the interface or interfaces are capable of generating signals corresponding to telephone service commands.

14. (Previously Presented) System for the implementation of telephone services according to claim 13, wherein the telephone service commands are call transfers or automatic calling-back operations or services pertaining to incoming calls.

15. (Currently Amended) A control device for a private automatic branch exchange comprising:

a telephone interface connected to telephone lines of the automatic branch exchange to convey signals corresponding to telephone service commands; and

a computer interface comprising a processor to provide a TCP/IP link with a computer telephone integration (CTI) server and convert the commands/signals between the CTI server and the automatic branch exchange.

16. (Previously Presented) Control device for a private automatic branch exchange according to claim 15, wherein the commands/signals are DTMF or ISDN or voice signals.

17. (Previously Presented) Control device for a private automatic branch exchange according to claim 15, wherein the telephone lines connecting the telephone interface to the automatic branch exchange are analog or digital lines.

18. (Previously Presented) Control device for an automatic branch exchange according to claim 15, wherein the telephone interface comprises one or more analog or digital modems, and a coupler used to connect the one or more modems to the computer interface.

19. (Previously Presented) Control device for an automatic branch exchange according to claim 15, wherein the telephone interface comprises packs.

20. (Cancelled)